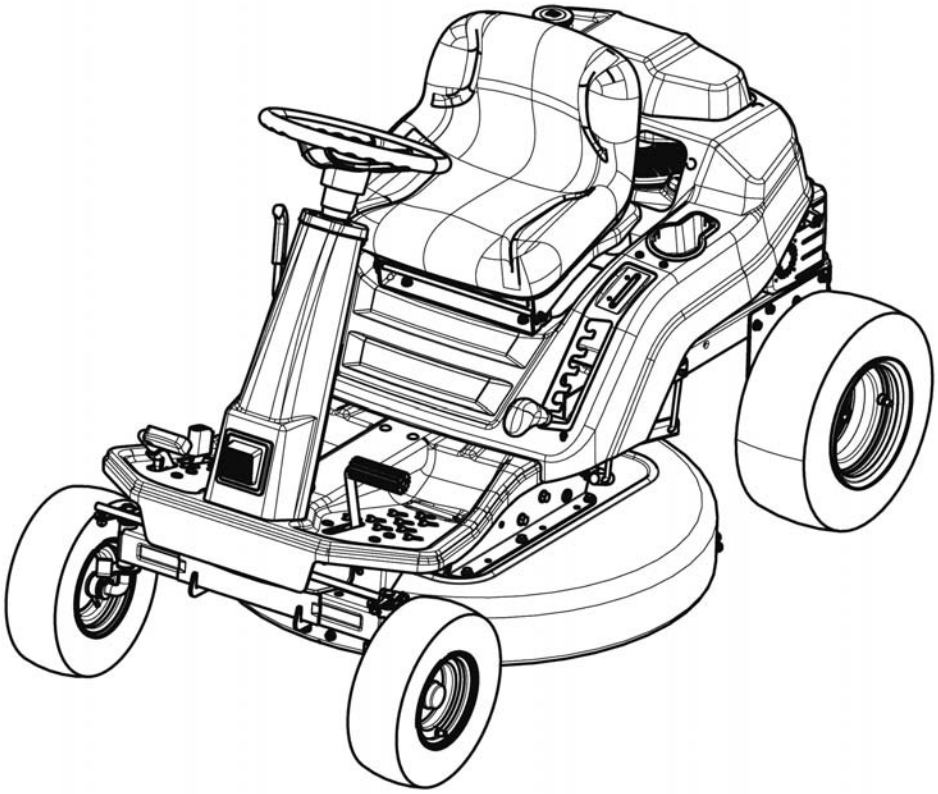
Parts Manual for

SNAPPER®

REAR ENGINE RIDER HYDRO DRIVE
33" 14.5 HP
RE SERIES

Model No.	*Description*
7800921-00	*RE210*



Briggs & Stratton Yard Power Products Group
535 Macon Road
McDonough, GA, 30253 U.S.A.
800-935-2967

Manual No. 7106000
Revision: D 11/25/2013

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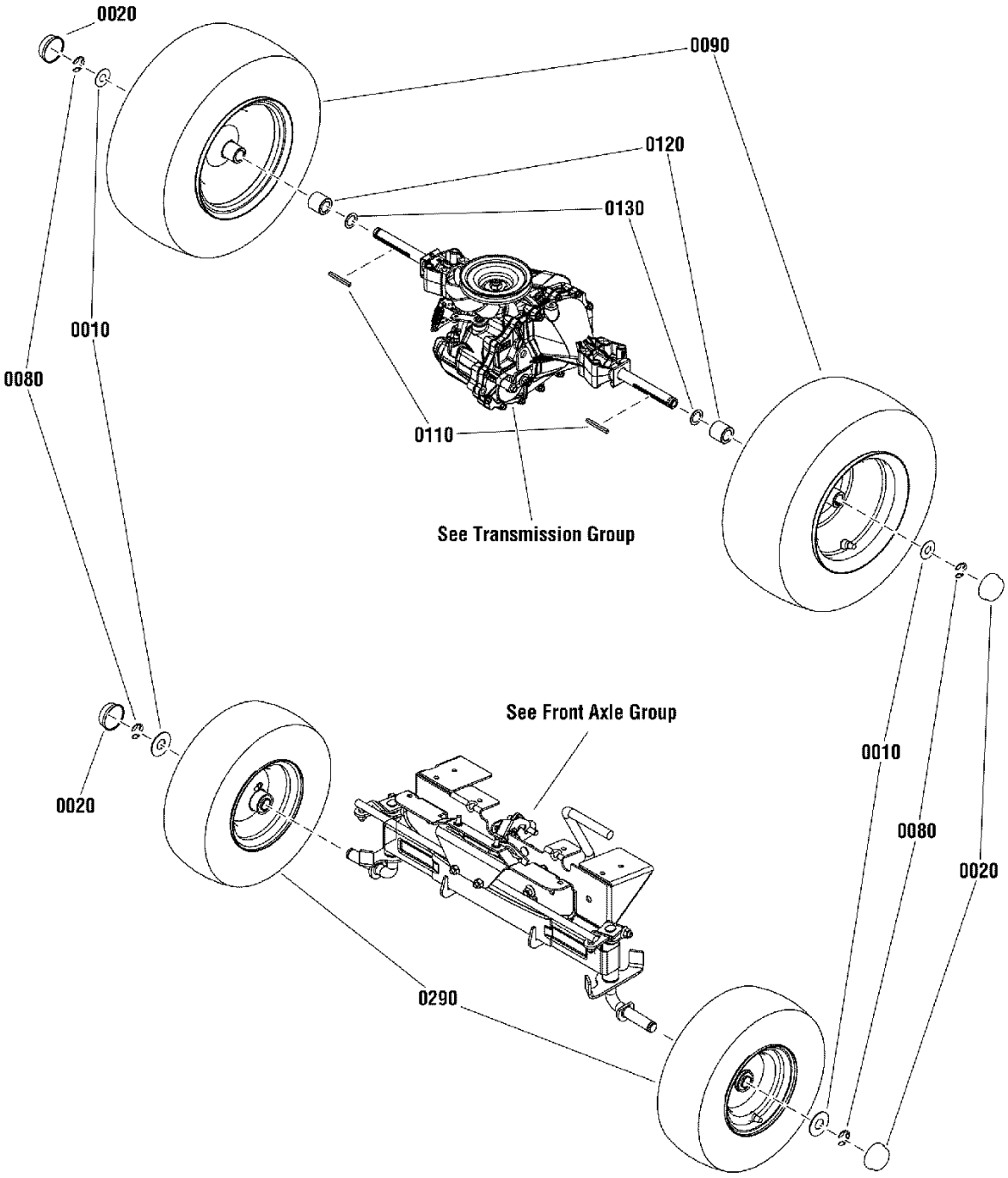
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See Transmission Group
See Front Axle Group
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Item	Part No	Qty	Description
0010	722620	2	WASHER, .765 ID, 1.8 OD, .0598 Thk, Flat ZP
0020	094618MA	2	HUB CAP
0080	0011X3MA	2	E-RING, .750D-.050T
0090	7105936YP	2	ASSEMBLY, Rear Wheel, 16 X 6.50-8, 2P K358
0110	720258	2	KEY, 3/16 Square x 2 Long
0120	704204	2	SPACER, Axle, .77” ID, 1.25” OD, 1.15” Long, Zinc/Clear
0130	7010935SM	2	WASHER, .77 x 1.13 x .06, Flat
0290	7106090YP	2	ASSEMBLY, Front Wheel, 13” X 5-6
0290-10	7012234SM	2	VALVE, Stem & Cap (Not shown)
0290-20	7011807YP	4	BEARING, Ball, Flanged (3/4 ID, 1-3/8 OD)
0290-50	703957	2	GREASE FITTING, 1/4-28X31/32 Zinc/Clear

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Footnotes:

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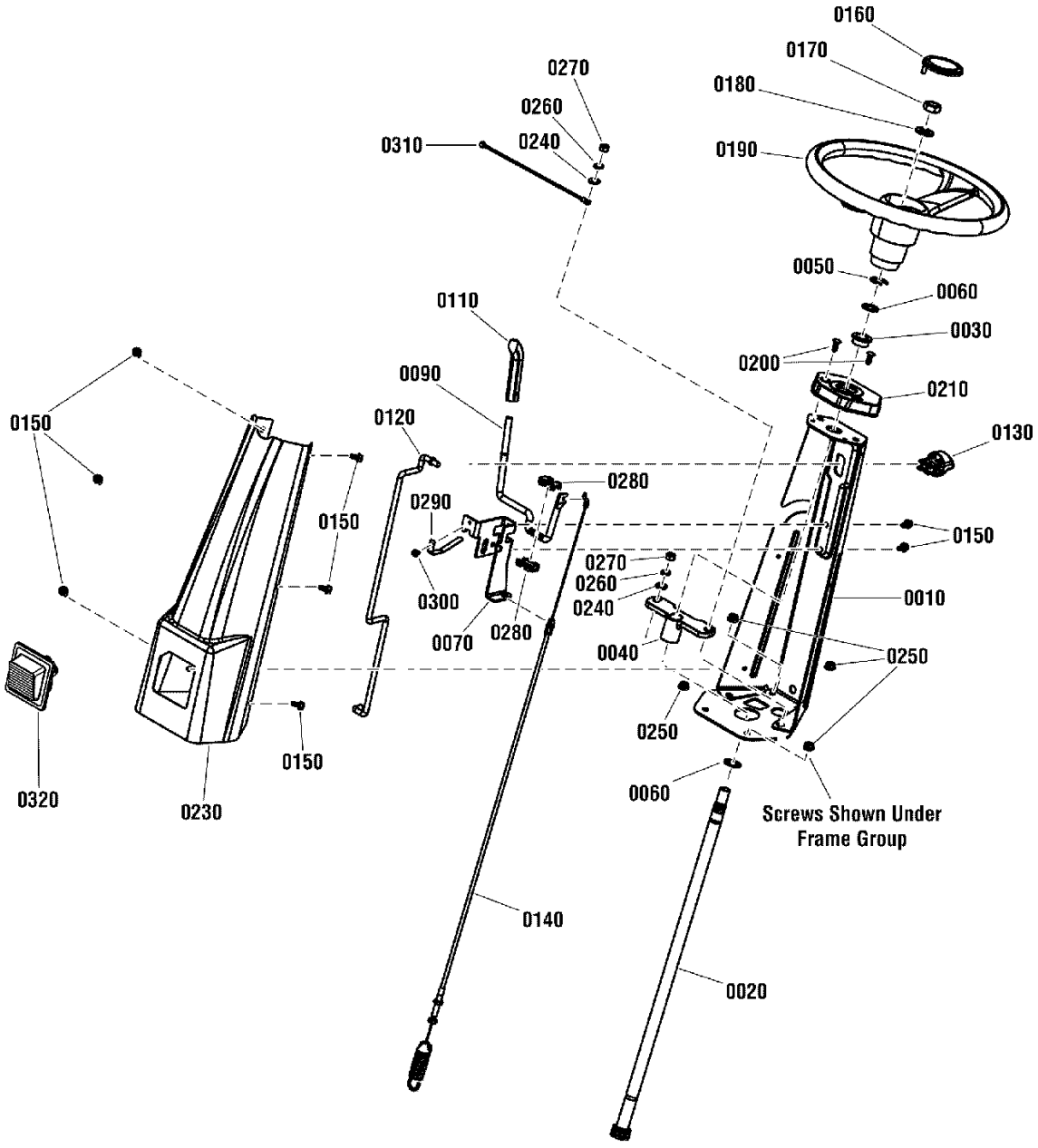
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Item	Part No	Qty	Description
0010	7301293BMYP	1	SUPPORT, Steering Column
0020	7105572YP	1	SHAFT, Steering
0030	1729665SM	1	BUSHING, Steering, 3/4 ID
0040	7105751YP	1	BEARING, Steering Shaft, 3/4 ID
0050	0011X3MA	1	E-RING, .750D x .050T
0060	703151	2	WASHER, .766 ID X 1.06 OD X .07, Flat, Zinc/Clear
0070	7301375BMYP	1	BRACKET, Blade Engagement Handle
0090	7105731BMYP	1	LEVER, PTO Engagement
0110	7023657YP	1	GRIP, Handle, 3/8
0120	7105654YP	1	ROD, Parking Brake
0130	7105745YP	1	KNOB, Parking Brake
0140	7105566YP	1	CABLE, Blade Engagement, 40.82”
0150	703962	8	SCREW, 1/4-20 X 5/8, Torx Pan Head Self-Tapping, Zinc/Clear
0160	1725024SM	1	CAP, Steering Wheel, Plain
0170	1960576SM	1	NUT, 5/8-18, Hex Lock, Thin ESNA Light, Black
0180	703580	1	WASHER, 5/8” (0.66 ID x 1.12 OD x .11 Thk) Zinc/Clear
0190	7105776YP	1	STEERING WHEEL, 13 DIA, 5.87 Dish
0200	7091272YP	2	FASTENER, 1/4 x 3/4 Ratchet
0210	7105597YP	1	COVER, Steering Tower/Support
0230	7301260DYP	1	TOWER, Steering, Red
0240	703350	2	WASHER, 5/16, Flat SAE, Zinc/Clear
0250	703409	4	NUT, 5/16-18, Serated Lock Flange, GR5, Zinc/Clear
0260	703116	2	WASHER, .32 X .58 X .08, Split Lock, YZ
0270	703465	2	NUT, 5/16-18, GRB, Zinc/Clear
0280	7106027YP	2	BUSHING, PTO Lever, Plastic
0290	7301373YP	1	PADDLE, PTO Lever
0300	704061	1	SCREW, 10-32 x 1/4 Hex Washer Self-Tap, BZ
0310	7106051YP	1	WIRE, RER Head Light Ground
0320	7105923YP	1	ASSEMBLY, Head Light
0320-30	----	1	* LAMP, 12VAC 25-30 Lumen LED (1156 Socket)(Not Shown)

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Footnotes:

Note* See your local hardware store for replacement bulbs.

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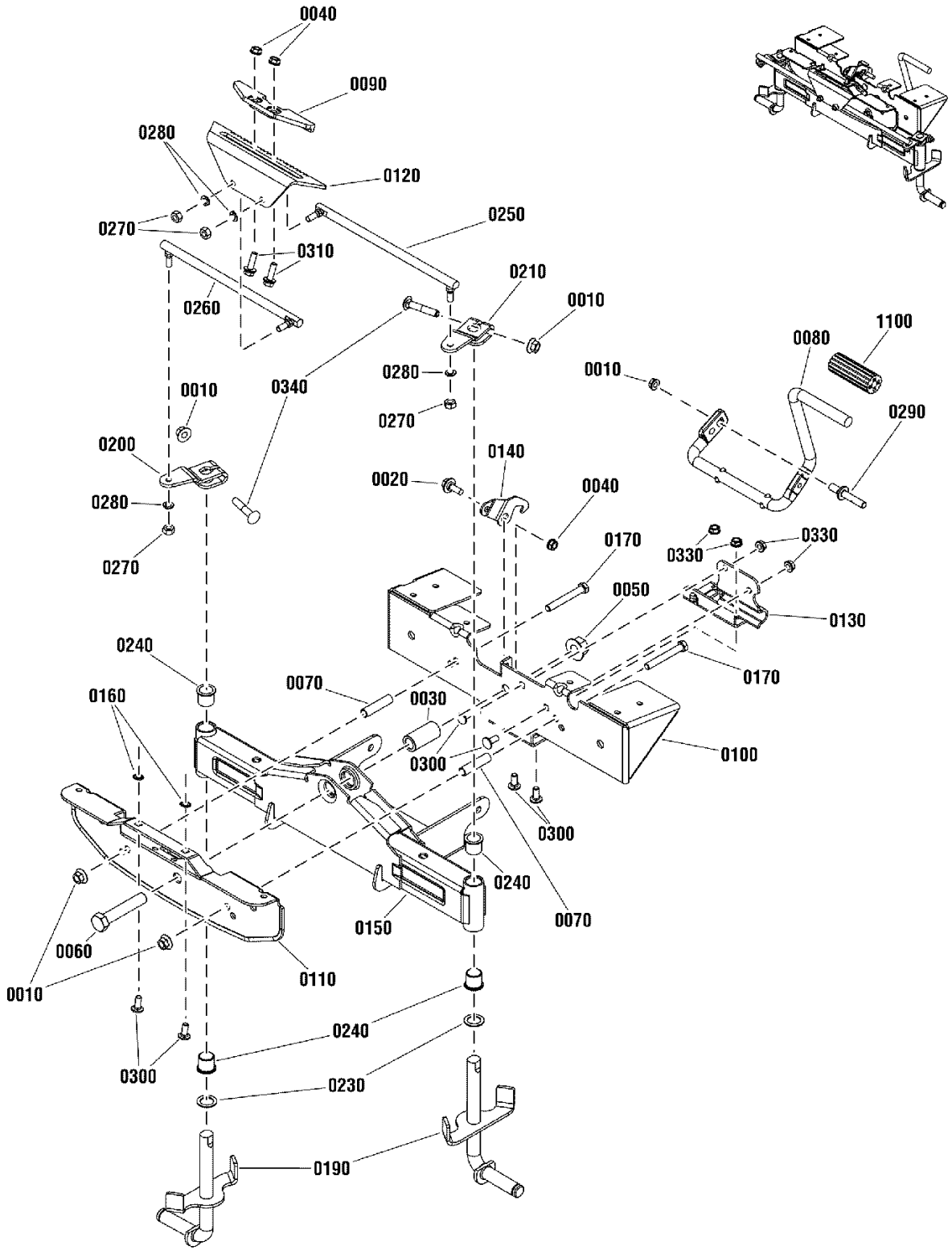
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Item	Part No	Qty	Description
0010	703893	5	NUT, 3/8-16 Hex Flange Center Lock, Zinc Plated
0020	1716654SM	1	BOLT, 5/16-18 X .75, .50 Shoulder G5 YEL
0030	1738193YP	1	SPACER, .641 ID X.980 0D X 2.0 Long
0040	704067	3	NUT, 5/16-18 Hex Flange Two-Way Lk Ga
0050	2860646SM	1	NUT, 5/8-11, Hex Flange Two Way Lock, Yellow
0060	2860744SM	1	SCREW, 5/8-11 x 3-1/4 Hex Head Cap, GR5, Yellow
0070	7026595YP	2	SPACER, .495 OD X .390 ID X 2.038 Long
0080	7105142YP	1	PEDAL, Brake
0090	7105857YP	1	PLATE, Rack Guide
0100	7301259YP	1	BRACKET, Rear Axle
0110	7301282YP	1	BRACKET, Front Axle
0120	7301283YP	1	RACK, Steering
0130	7301317YP	1	BRACKET, Brake Pedal
0140	7301351YP	1	PLATE, Park Brake
0150	7400323YP	1	WELDMENT, Axle
0160	703297	2	RETAINER, 5/16, GR5 Zinc/Clear
0170	703133	2	SCREW, 3/8-16 X 2.750, Hex Head Cap, GR5, Zinc/Clear
0190	7400335BMYP	2	WELDMENT, RER Hydro Spindle
0200	7301337BMYP	1	ARM, RH Steering
0210	7301338BMYP	1	ARM, LH Steering
0230	7010935SM	2	WASHER, .77 x 1.13 x .06, Flat
0240	2176440SM	4	BUSHING, .765 ID, .885 OD, .877 LG, Flanged Nylon
0250	7105916YP	1	LINK, Drag 10 Lg, 90° X 5/16-24 Ball Joints, LH
0260	7105148YP	1	LINK, Shift, 10 Lg, 90° X 5/16-24 Ball Joints, RH
0270	703331	4	NUT, 5/16-24, Hex, GR5, Zinc/Clear
0280	703116	4	WASHER, .32 X .58 X .08, Split Lock, YZ
0290	703956	1	STUD, 3/8-16 X 2.625, Special Shoulder, GR5
0300	703185	6	BOLT, 5/16-18 x 3/4, Carriage, Short Neck, G5, Zinc/Clear
0310	703410	2	BOLT, 5/16-18 X 1.0 Serrated Flange, GR5, Zinc/Clear
0330	703409	4	NUT, 5/16-18, Serated Lock Flange, GR5, Zinc/Clear
0340	703879	2	BOLT, Carriage 3/8-16X1-3/4 GR5 YZ
1100	1727261SM	1	PEDAL, Brake Rubber

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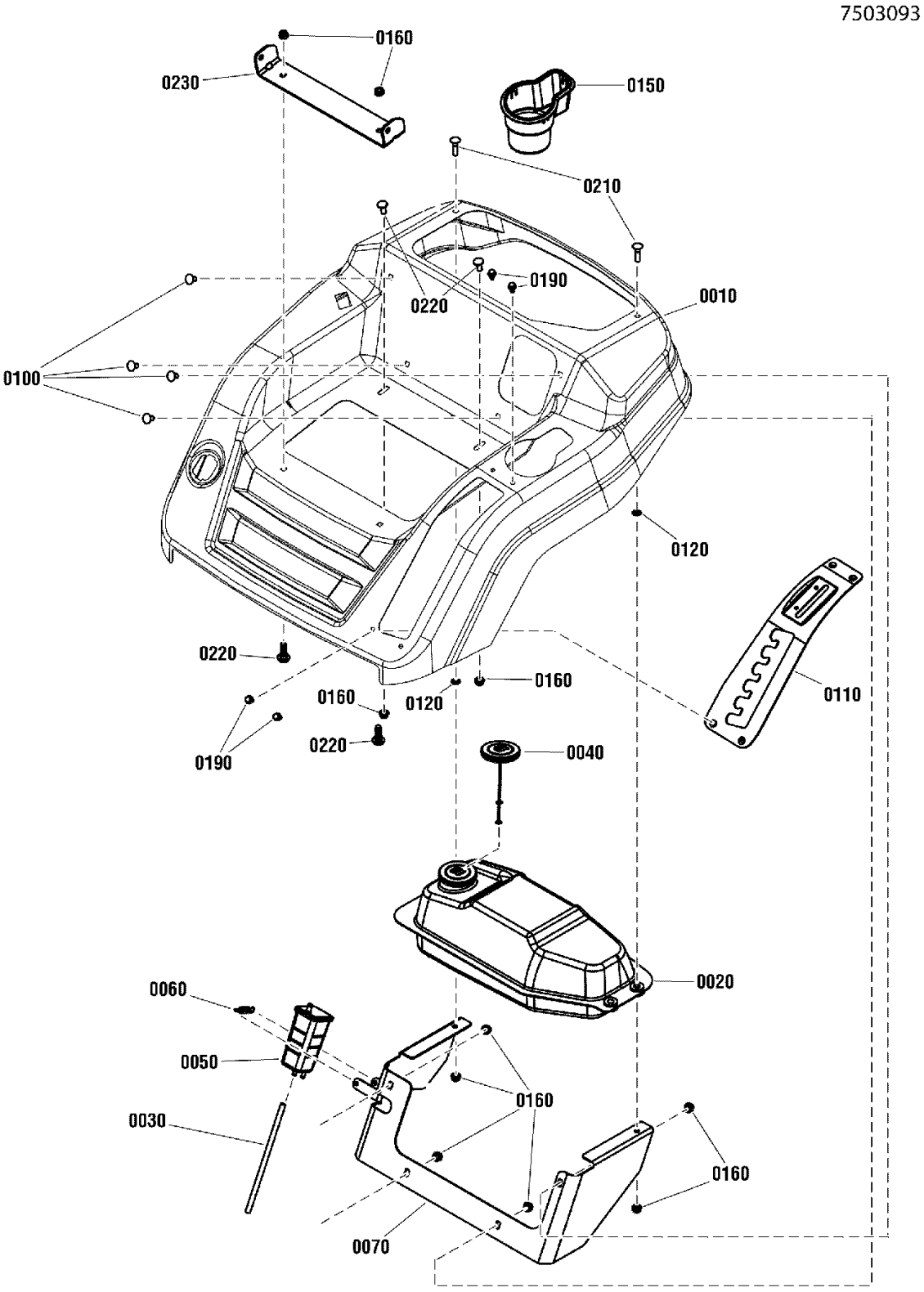
Footnotes: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Item	Part No	Qty	Description
0010	7301327DYP	1	CONSOLE, Seat/Controls - Hydro, Red
0020	7105576YP	1	ASSEMBLY, Fuel Tank
0040	7105682YP	1	ASSEMBLY, Fuel Cap, Non-Vented
0030	7106041YP	1	HOSE, Vapor, 10” Long
0050	7104634YP	1	CANISTER, Carbon, 140CC
0060	7104930YP	1	SPRING, Tension, 1.95 FWD React
0070	7301342BMYP	1	BRACKET, Fuel Tank Mounting
0100	703125	4	BOLT, 5/16-18 X .625, Carriage, GR5, Zinc/Clear
0110	7301262BMYP	1	PLATE, HOC Detent
0120	703297	2	RETAINER, 5/16, GR5 Zinc/Clear
0150	7105766YP	1	CUP HOLDER
0160	703409	8	NUT, 5/16-18, Serated Lock Flange, GR5, Zinc/Clear
0190	703962	4	SCREW, 1/4-20 X 5/8, Torx Pan Head Self-Tapping, Zinc/Clear
0210	703446	2	BOLT, 5/16-18 X 1.25, Carriage, GR5, Zinc/Clear
0220	703185	2	BOLT, 5/16-18 x 3/4, Carriage, Short Neck, G5, Zinc/Clear
0230	1750968BMYP	1	BRACKET, Seat Pivot

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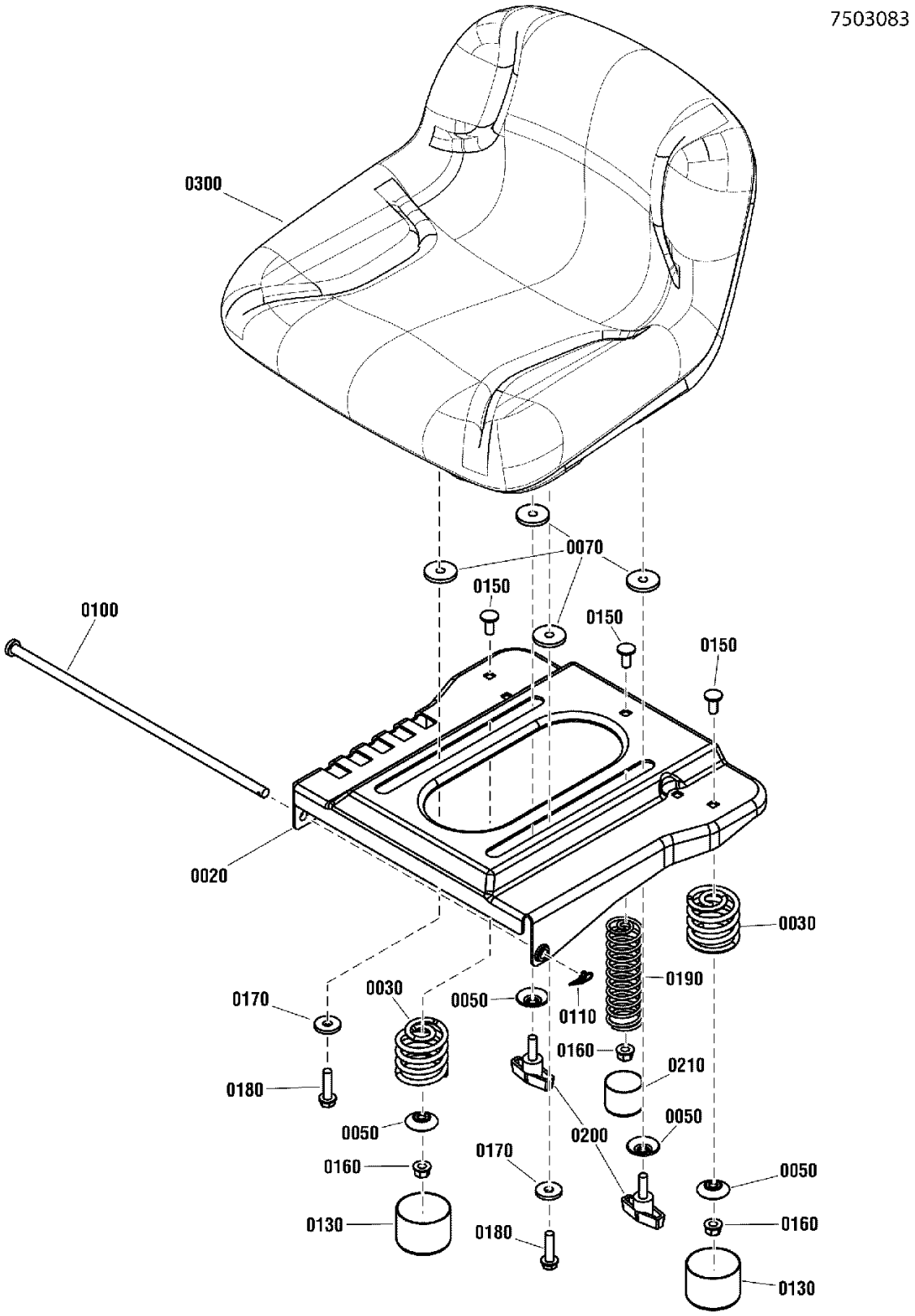
Footnotes: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Item	Part No	Qty	Description
0020	7301219BMYP	1	SUPPORT, Seat
0030	1704728SM	2	SPRING, Compression, 19/32 x 2
0050	1709256SM	2	WASHER, Spring, 5/16 ID x 1-1/4 OD
0070	1731300SM	4	SPACER, 0.32 ID x 1-1/2 OD x 3/10 THK Powdered Metal Yellow
0100	1751493YP	1	ROD, Seat Pivot, .375 X 13.44 to .109 Hole
0110	703355	1	PIN, 3/8 Cotter Self Locking, Zinc/Clear
0130	1704724SM	2	COVER, Spring 2” Id X 1-1/2”, Black Vinyl
0150	703185	3	BOLT, 5/16-18 x 3/4, Carriage, Short Neck, G5, Zinc/Clear
0160	703115	3	NUT, 5/16-18, Flange Nylock, GR F, Zinc/Clear
0170	703298	2	WASHER, 5/16 (.34 ID X 1” OD X .13 THK) GR5, Zinc/Clear
0180	1930595SM	2	SCREW, Hex Cap Flange Whiz Lock, 5/16-18 x 1-1/4, G5
0190	7106013YP	1	SPRING, Compression, 4.57” Free Length
0200	1752056YP	2	KNOB, 5/16-18 x 3/4 Two Prong
0210	5023274SM	1	CAP, Vinyl, 1.375 X 1
0300	1754214YP	1	SEAT, 11” High, 18.8” Wide (Black)

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Footnotes:

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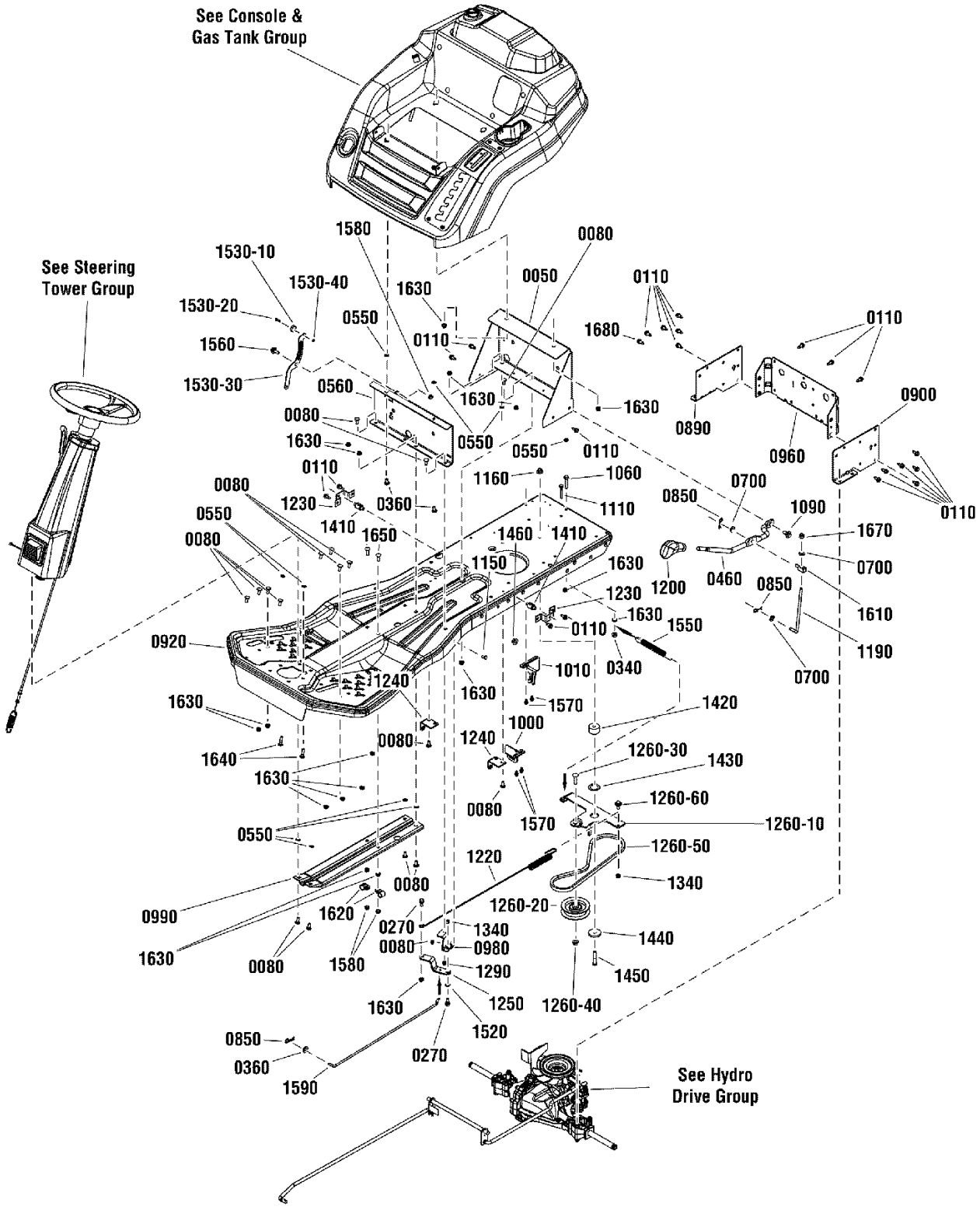
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Item	Part No	Qty	Description
0050	7301222BMYP	1	BRACKET, Console Support
0080	703185	19	BOLT, 5/16-18 x 3/4, Carriage, Short Neck, G5, Zinc/Clear
0110	703949	21	SCREW, 5/16-18 X .625, Hex Washer Head, Thread Roll, Zinc/Clear
0270	703839	2	BOLT, 5/16-18 X .750, Hex Washer Head Shoulder, Zinc/Clear
0340	703115	1	NUT, 5/16-18, Flange Nylock, GR F, Zinc/Clear
0360	703332	1	WASHER, 1/4, Flat, GR5 Zinc/Clear
0460	7105822BMYP	1	ROD, Deck Lift, RER
0550	703297	10	RETAINER, 5/16, GR5 Zinc/Clear
0560	7301330BMYP	1	BRACKET, Seat Hinge Support
0700	703590	3	WASHER, 3/8 (.406 X .816 X .65), Flat, Zinc/Clear
0850	703300	3	PIN, Hair, 3/32 x 1-5/8, GR5, Zinc/Clear
0890	7301306DYP	1	PLATE, Hydro Side, RH, RED
0900	7301309DYP	1	PLATE, Hydro Side, LH, RED
0920	7301248DYP	1	MAIN FRAME, Hydro, RER Red
0960	7301297DYP	1	PLATE, Rear Hitch, Red
0980	7301348BMYP	1	BRACKET, Brake/De-Clutch Pivot Anchor
0990	7301349BMYP	1	BRACE, Frame, RER
1000	7301353BMYP	1	BRACKET, RMO Switch
1010	7301379BMYP	1	BRACKET, Hydro Park Brake Switch
1060	703217	1	SCREW, 5/16-18 X1.50, Hex Head Cap, Full Thread, GR5, ZC/CL
1090	702315	1	BOLT, 3/8-16 X .88, .513 Dia. Shoulder, GR2, Zinc/Clear
1110	721293	1	SCREW, 5/16-18 X .5 w/.75” Unthreaded Guide, YZ
1150	703841	1	BOLT, 1/4-20 X .625, Carriage, Zinc/Clear
1160	1960339	1	NUT-HEX FLANGE 3/8-16 MAC LK LARGE BLK
1190	7105735YP	1	LINKAGE, 3/8 Deck Rod
1200	7105767YP	1	KNOB, HOC/Speed Selector, 1/2 Hole
1220	7105894YP	1	SPRING, 26.06” Long, 29 Coil, RER Hydro Brake
1230	7301336BMYP	2	BRACKET, Rear Deck Lift
1240	7301346BMYP	2	BRACKET, Forward/Reverse Pivot
1250	7301347BMYP	1	BRACKET, Brake/De-Clutch Pivot
1260-10	7301341BMYP	1	BRACKET, Idler
1260-20	1728000SM	1	PULLEY, Idler, 3-1/8 OD, 3/8 ID
1260-30	1931352SM	1	BOLT, Carriage 3/8-16X1.500 G5 BLK
1260-40	703158	1	NUT, 3/8-16, Hex Flange, ESNA, Zinc/Clear
1260-50	7105750YP	1	BELT, Hydro Drive, RER (38.35 EL, A Section)
1260-60	1732426SM	1	BOLT, Shoulder, 5/16-18 x .13/16, 1/2” Thread Length
1290	703233	1	NUT, 1/4-20 Hex Flange Lock, GR 5, Zinc/Clear
1340	703164	2	NUT, 5/16-18, Hex Center Lock, GRB, Zinc/Clear
1410	7105736YP	2	SWIVEL, .390 Dia., Thru Hole
1420	1729007SM	1	SPACER, .387 I.D. x 1.50 O.D. x 1.04 Long (Powdered Metal) Yellow
1430	7031079YP	1	WASHER, Thrust (1.37 ID, 1.625 OD)
1440	1960071SM	1	WASHER, 3/8 x 1-1/4 x 1/4, Black
1450	703589	1	CAPSCREW, 3/8-16 x 2, Hex Head, GR5, Zinc/Clear
1460	703893	1	NUT, 3/8-16 Hex Flange Center Lock, Zinc Plated

Footnotes:

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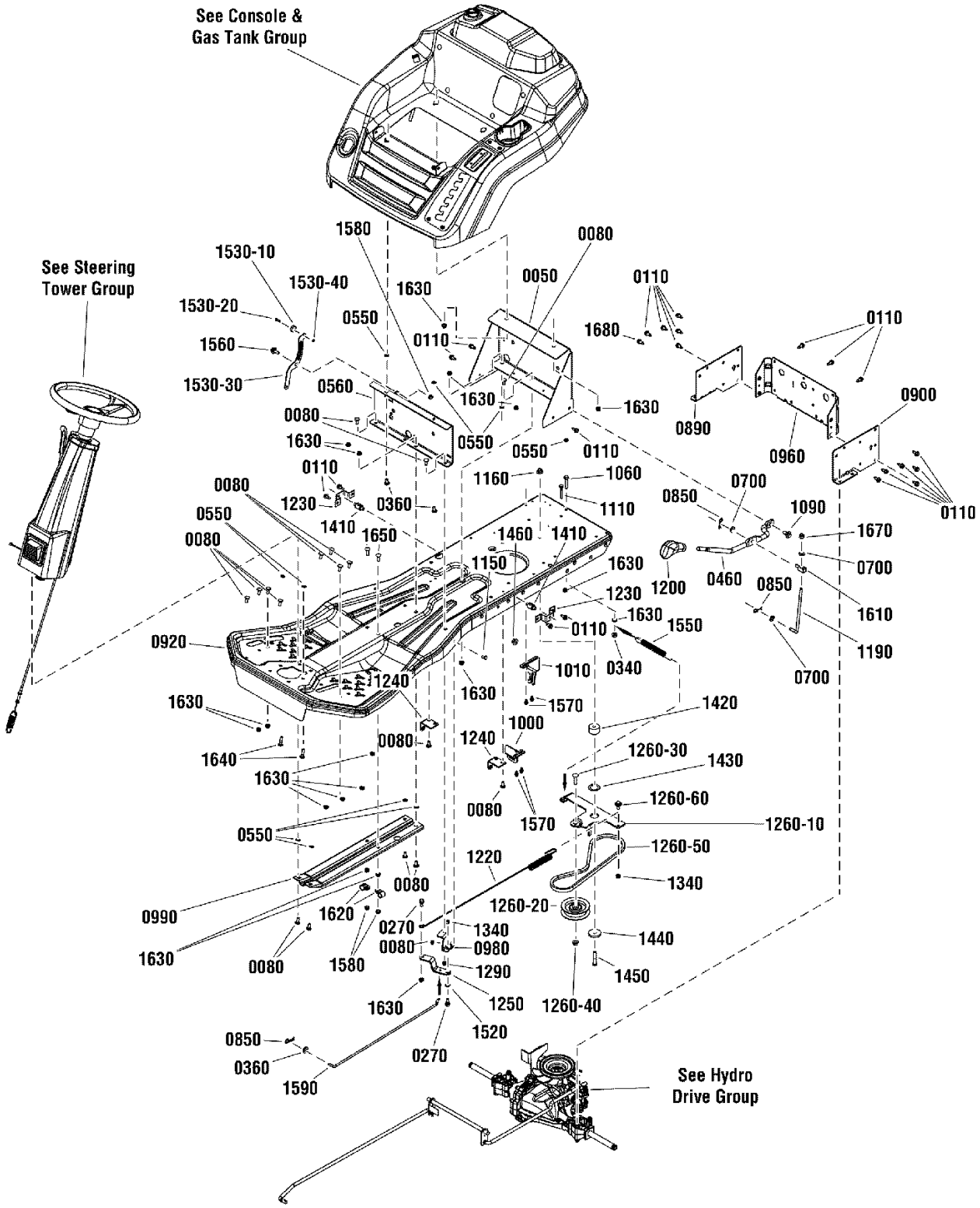
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Item	Part No	Qty	Description
1520	704205	1	WASHER, .507 ID X .708 OD X .020 Thk, Shim Plain
1530-10	7106025YP	1	ROLLER, .265 X 1.312 X .344
1530-20	703960	1	BOLT, 10-24 X .750, Shoulder, GR8, Zinc/Clear
1530-30	7301367BMYP	1	PLATE, Roller OPC
1530-40	7091267SM	1	NUT, 10-24, Hex Center Lock, BZ
1550	7013885YP	1	SPRING, Clutch / Brake
1560	1716654SM	1	BOLT, 5/16-18 X .75, .50 Shoulder G5 YEL
1570	703054	4	SCREW, 1/4-20 x 5/8, Hex Washer Head, Thread Roll, Zinc/Clear
1580	1935048SM	3	NUT, 5/16-18 Hex Flange Two-Way Lk Ga
1590	7105667YP	1	ROD, Clutch
1610	7072495SM	1	SWIVEL, 3/8 W/ Thru Hole, YZ
1620	7900020SM	2	CLIP, Harness, 5/8”
1630	703409	20	NUT, 5/16-18, Serated Lock Flange, GR5, Zinc/Clear
1640	703446	2	BOLT, 5/16-18 X 1.25, Carriage, GR5, Zinc/Clear
1650	703483	2	BOLT, 5/16-18 X 1 Carriage, GR5, Zinc/Clear
1670	703117	1	NUT, 3/8-16, Nylock, GR5, Zinc/Clear
1680	1924856SM	1	SCREW, 5/16-18 x 1/2, Hex Washer Head Taptite, Blk

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Footnotes:

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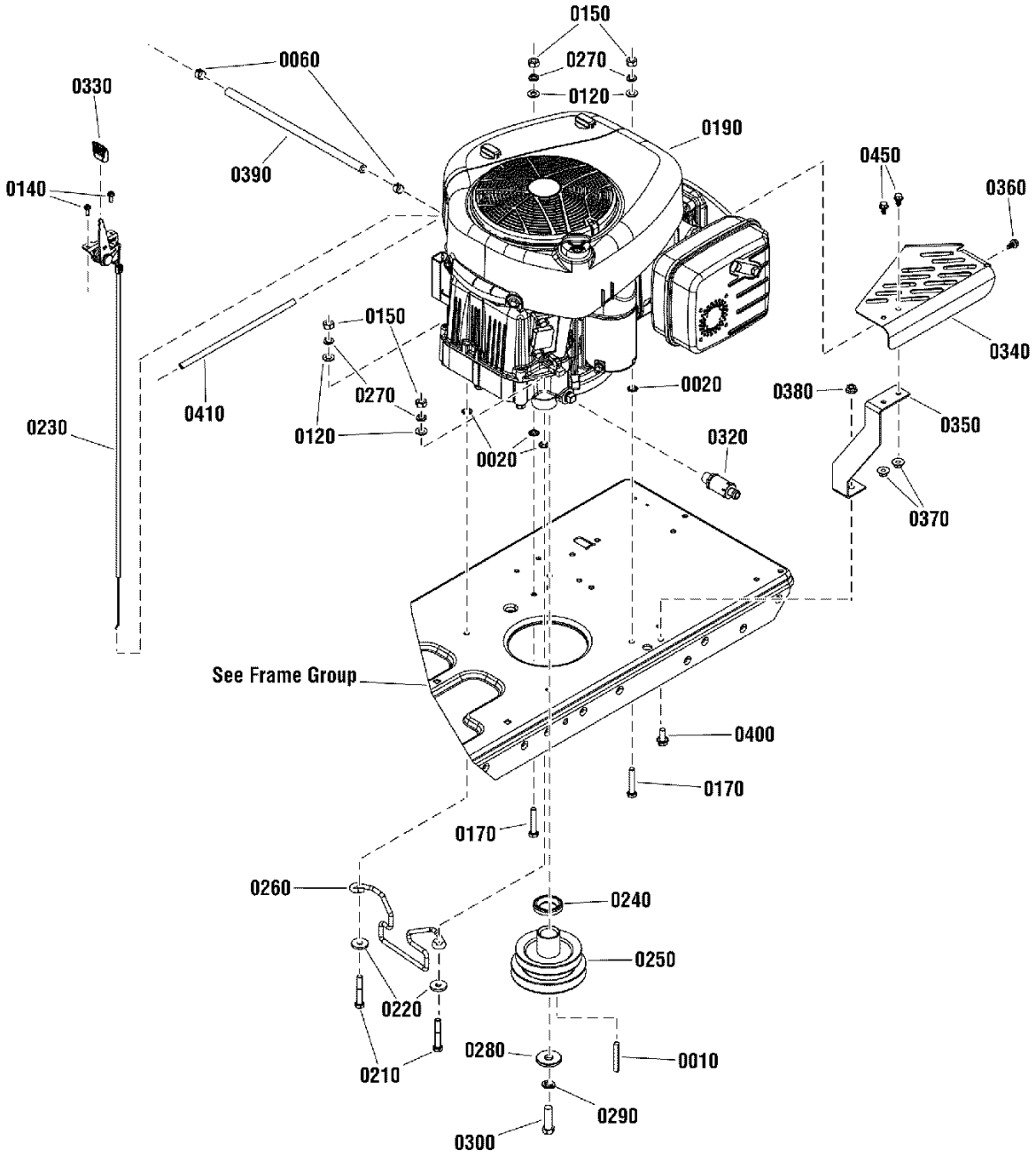
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Item	Part No	Qty	Description
0010	703890	1	KEY, 1/4 Square x 2 Long
0020	703297	4	RETAINER, 5/16, GR5 Zinc/Clear
0060	7029900SM	2	CLAMP, .490 X .31, Fuel Hose
0120	703350	4	WASHER, 5/16, Flat SAE, Zinc/Clear
0140	7090913SM	2	SCREW, 10-24 x 1/2" Hex Washer Self-Tap, Torx, Zinc/Clear
0150	703331	4	NUT, 5/16-24, Hex, GR5, Zinc/Clear
0170	7091513YP	2	SCREW, 5/16-24 X 1.75, Hex Head Cap, GR5, Zinc/Clear
0190	31A507-0144-G5	1	* ENGINE, 14.5HP, B&S, Mod. 31A507-0144-G5
0210	704056	2	SCREW, 5/16-24 X 2, Hex Head Cap, GR5, Zinc/Clear
0220	703298	2	WASHER, 5/16 (.34 ID X 1 OD X .13 THK) GR5, Zinc/Clear
0230	7105872YP	1	ASSEMBLY, Throttle Control, 27.6" Long, 1.6" Throw
0240	721153MA	1	SPACER, Engine, 1.015 ID, 1.77 OD, .340" Thick
0250	7105938	1	PULLEY, Double Stack 4 & 4.5" OD, 1" ID, 3.255 Tall
0260	7106040BMYP	1	GUIDE, Belt, 1/4" Wire, 1" X 4" ID, 3.55" Tall, 7.66" Mount
0270	703116	4	WASHER, .32 X .58 X .08, Split Lock, YZ
0280	704053	1	WASHER, .468 ID X 1.5 OD X .19 THK, Special, Zinc/Clear
0290	704007	1	WASHER, 7/16, Split-Lock, Zinc/Clear
0300	720205	1	BOLT, 7/16-20 X 1.5, Hex Patch Lock, G5, ZP
0320	7027972SM	1	ASSEMBLY, Oil Drain Valve, 2.775" Long
0330	7106008YP	1	KNOB, Molded Paddle, Black
0340	7301368BMYP	1	SHIELD, Muffler, RER
0350	7301369BMYP	1	BRACKET, Heatshield Mounting
0360	1750447YP	1	SCREW, 1/4-20 x 1/2, Hex Washer Head, Trilob
0370	703161	2	NUT, 1/4-20, Hex Flange Whiz Lock, G5, Zinc/Clear
0380	703409	1	NUT, 5/16-18, Serated Lock Flange, GR5, Zinc/Clear
0390	7200116YP	1	HOSE, Fuel, Low Perm, 1/4" ID X 14"
0400	9357MA	1	SCREW, 5/16-18 X .750, Flanged Whiz-Lock, GR5
0410	7106041YP	1	HOSE, Vapor, 10" Long
0450	7090584YP	2	BOLT, 1/4-20 x 1/2 Hex Flange Lock, GR 5, ZP

Not for Reproduction

Footnotes:

Note: * Purchase engine parts from engine manufacture dealer.

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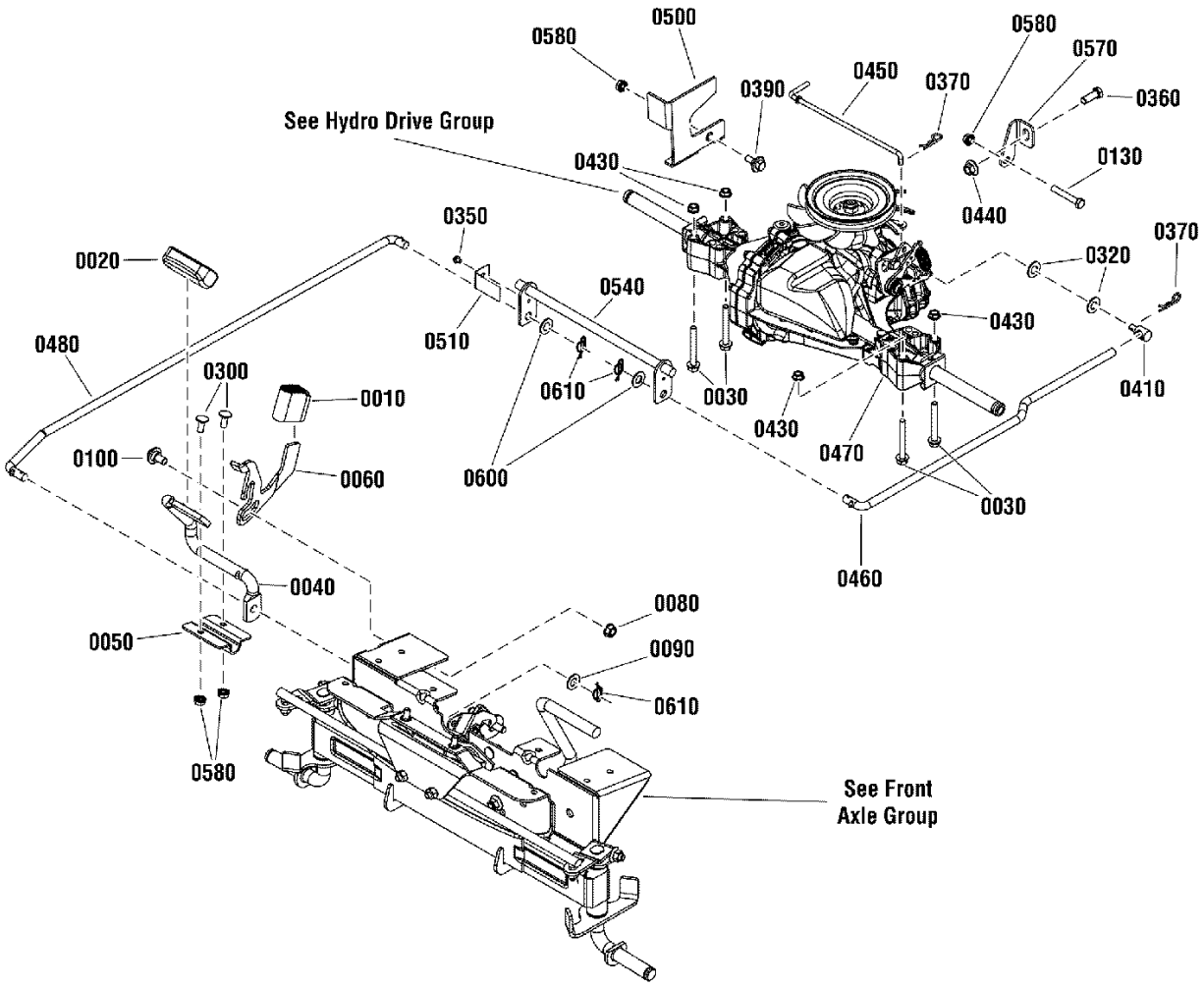
0580
0500
0390
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See Hydro Drive Group
0430
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0040
0080
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0090
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0580
See Front
Axle Group

Item	Part No	Qty	Description
0010	1727259SM	1	PAD, Reverse Foot Pedal, Black Rubber
0020	1721675SM	1	PAD, Forward Foot Pedal, Black Rubber
0030	1960586SM	4	SCREW, 5/16-18 x 2-1/2, Hex Flange Whiz Lock, Black
0040	7105754BMYP	1	PEDAL, FWD/REV, RER Hydro
0050	7301357BMYP	1	BRACKET, FWD/REV Pivot
0060	7301359BMYP	1	BRACKET, Reverse Pedal
0080	703333	1	NUT, 3/8-16, Flanged Lock, GR5, Zinc/Clear
0090	703183	1	WASHER, .922 X .065 X .065, Flat, Zinc/Clear
0100	704206	1	BOLT, 3/8-16 X .925 DIA, Shoulder, GR2, Zinc/Clear
0130	703867	1	SCREW, 5/16-18 X 2.0, Hex Head Cap, GR 5, Zinc/Clear
0300	703185	2	BOLT, 5/16-18 x 3/4, Carriage, Short Neck, G5, Zinc/Clear
0320	703590	2	WASHER, .406, Flat, Zinc/Clear
0350	7090981YP	1	SCREW, 10-32 x 1/4 Hex Washer Self-Tap, BZ
0360	703407	1	SCREW, 3/8-16 X 1.0, Hex Head Cap, GR5, Zinc/Clear
0370	1722460SM	2	HAIRPIN, Quick, .080 Wire, 1.19LG, Zinc/Clear
0390	009X67MA	1	BOLT, 5/16-18, .499 OD .246 LG Shoulder
0410	885076YP	1	ADJUSTING NUT, 7/16-14, .313 X .32 Shoulder, .156 Pin Hole, Zinc/Clear
0430	1935048SM	4	NUT, 5/16-18 Hex Flange Two-Way Lk Ga
0440	1960339SM	1	NUT, 3/8-16, Hex Flanged Center Lock, Black
0450	7105648YP	1	ROD, Roll Release, Hydro, RER
0460	7105664YP	1	ROD, Drive
0470	7105749YP	1	TRANSMISSION, T2 Hydro (Hydro-Gear T2-BDBE-4X3C-15X1)
0480	7105753YP	1	ROD, Drive, For/Rev, 30.91” Long
0500	7301335BMYP	1	BRACKET, Brake Lever
0510	7301354YP	1	BRACKET, Switch Actuator
0540	7400331BMYP	1	WELDMENT, For/Rev Cross Over
0570	7301310BMYP	1	BRACKET, Hydro Torque Strap, RER
0580	703409	4	NUT, 5/16-18, Serated Lock Flange, GR5, Zinc/Clear
0600	703183	2	WASHER, .922 X .065 X .065, Flat, Zinc/Clear
0610	7091594SM	3	COTTER PIN, Self Locking, For 1/2” Dia. Pin w/1/16” Hole, YZ

Not for Reproduction

Footnotes:

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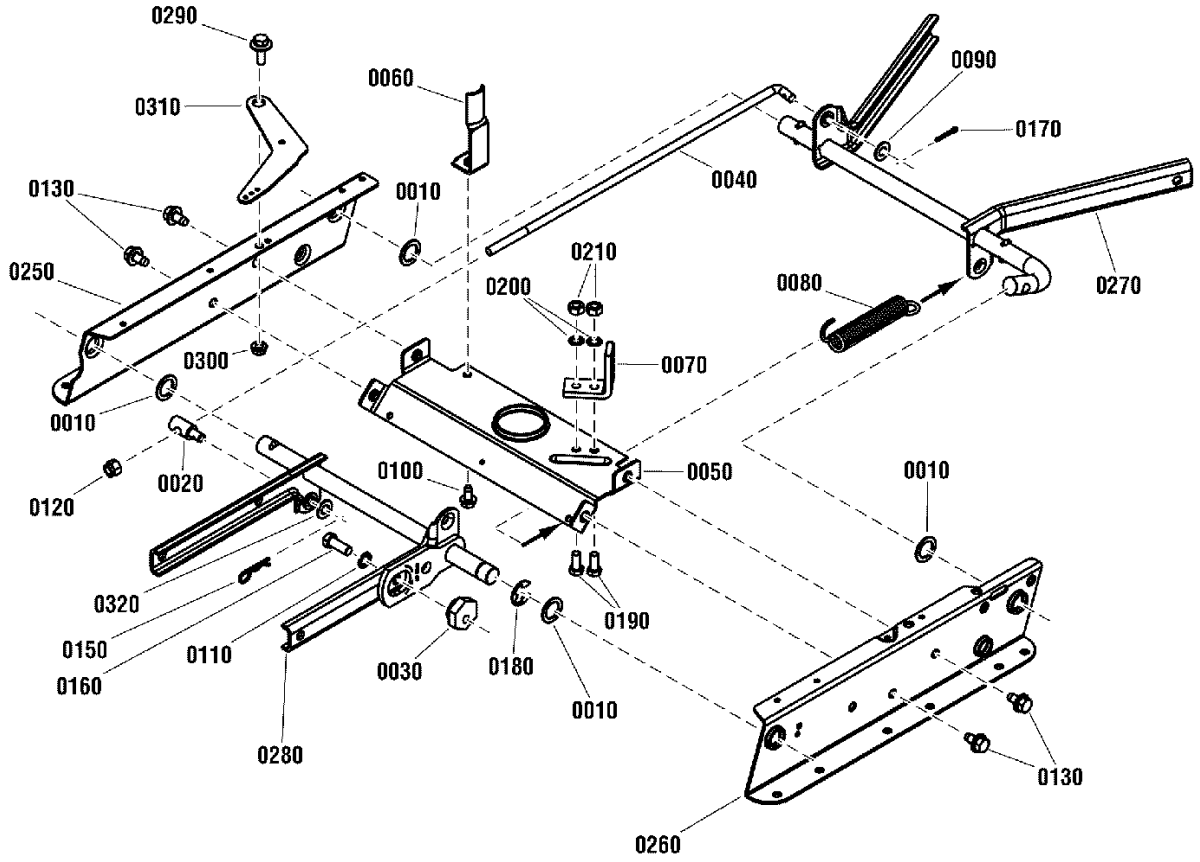
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Item	Part No	Qty	Description
0010	7010935SM	4	WASHER, .77 x 1.13 x .06, Flat
0020	7011231SM	1	SWIVEL, 3/8 w/thru hole, Special
0030	7015447YP	1	ECCENTRIC, Leveling
0040	7016122YP	1	ROD, Leveling (3/4-24 thread)
0050	7031838YP	1	BRACE, Top Rail
0060	7031855YP	1	GUIDE, Belt
0070	7032243YP	1	ANCHOR
0080	7046163YP	1	SPRING, Assist
0090	703590	2	WASHER, 3/8 (.406 X .816 X .65), Flat, Zinc/Clear
0100	7090361YP	1	SCREW, 5/16-18 x 5/8 Hex Washer Self-Tap, BP
0110	703930	1	WASHER, 3/8 Internal Tooth Lock, BZ
0120	703901	1	NUT, 3/8-24 Hex Nyloc ZP
0130	7091198SM	4	SCREW, 3/8-16 x 5/8 Hex Washer Self-Tap, BP
0150	703300	1	PIN, Hair, 3/32 x 1-5/8, GR5, Zinc/Clear
0160	001X20MA	1	CAPSCREW, 3/8-24 x 1, Hex Head, Zinc
0170	703958	1	PIN, 1/8 X 0.75, Cotter, Zinc/Clear
0180	0011X3MA	1	E-RING, .750D x .050T
0190	703336	2	SCREW, 5/16-24 x 3/4 Hex Head Cap, GR 5
0200	7090391SM	2	WASHER, 5/16, Internal Lock, Zinc/Clear
0210	703331	2	NUT, 5/16-24, Hex, GR5, Zinc/Clear
0250	7301328YP	1	RAIL, Deck Lift RH
0260	7301329YP	1	RAIL, Deck Lift LH
0270	7400324YP	1	WELDMENT, Rear Lift Arm, RER-RE
0280	7400328YP	1	WELDMENT, Front Lift Arm, Adjustable
0290	1716654SM	1	BOLT, 5/16-18 X 0.75, .50 Shoulder, G5 YZ
0300	1935048SM	1	NUT, 5/16-18 Hex Flange Two-Way Lk Ga
0310	7301366YP	1	PLATE, Brake OPC
0320	1960103SM	1	WASHER, 3/8 Flat, Black

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Footnotes:

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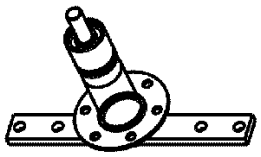

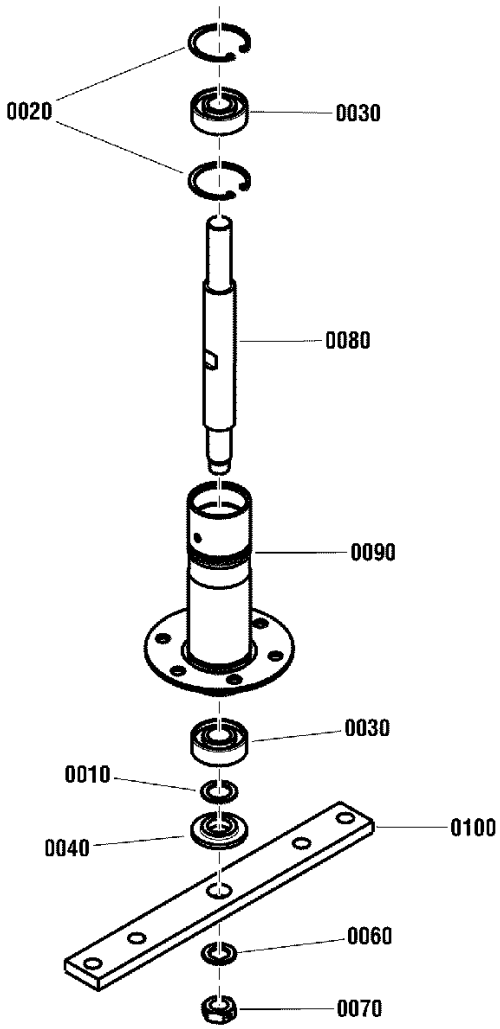

Item	Part No	Qty	Description
0010	7010935SM	1	WASHER, .77 x 1.13 x .06, Flat
0020	7012491SM	2	RING, 1.85, Internal Retaining
0030	7013313SM	2	BEARING, Ball, 1.78 OD, .750 ID, .610 Wide
0040	7014407SM	1	WASHER, Spindle, .75 ID, 1.75 OD, .28 Thick, PM
0060	7044782YP	1	SPACER, Blade Centering (.63 X 1.05 X .094)
0070	7090356YP	1	NUT, 5/8-18 Hex Center Lock Jam, GR5, ZP
0080	7200147YP	1	SHAFT, Spindle, 9.737”
0090	7400327YP	1	WELDMENT, Spindle Housing (7 Tall)
0100	7037751BMYP	1	HOLDER, Adjustable Blade (5 Hole, 12.5”)

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Footnotes:

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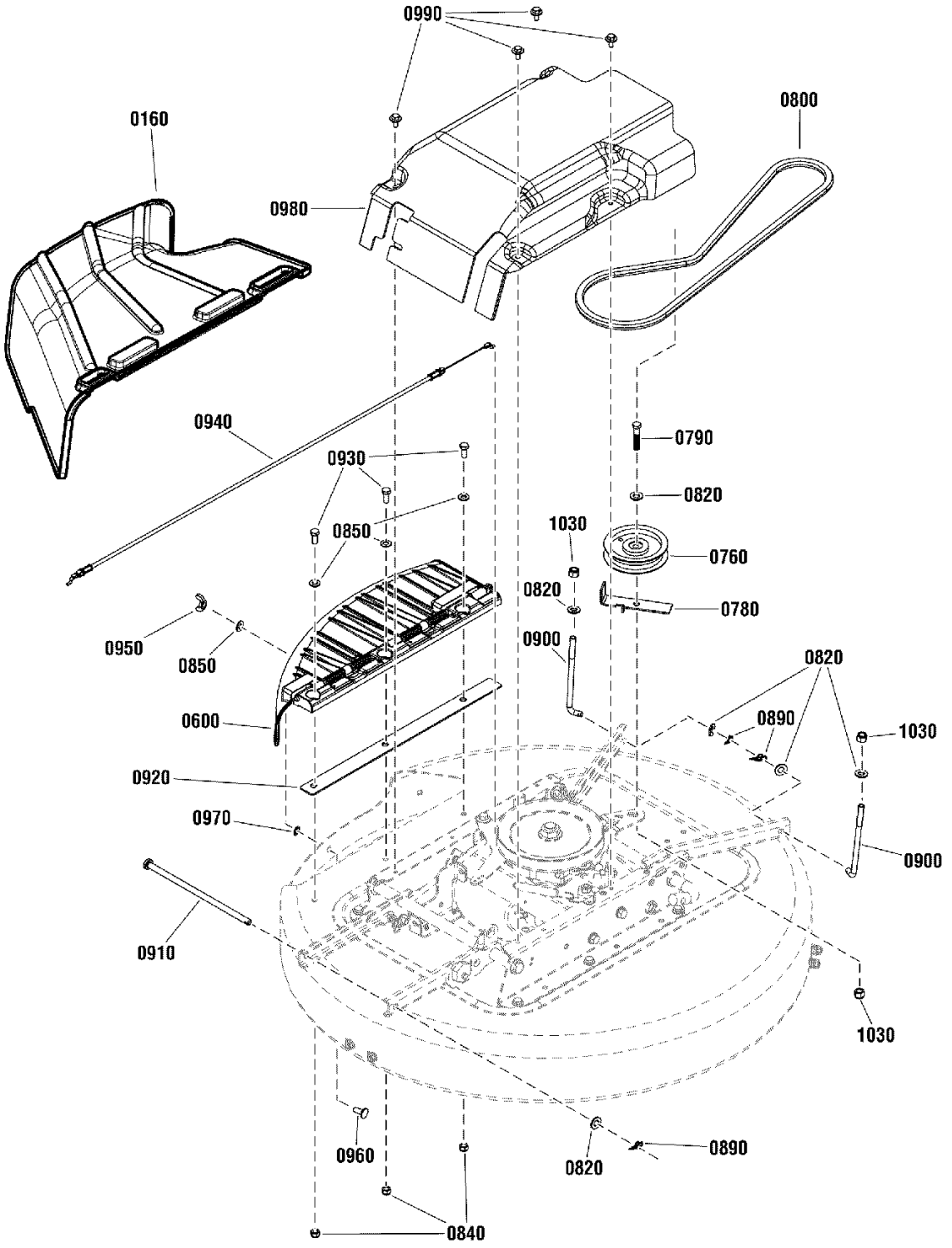
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Item	Part No	Qty	Description
0160	7105326YP	1	CHUTE, Side Discharge, 28"/33"
0600	7105871YP	1	ASSEMBLY, Mulching Cover, RER, 33”
0600-10	704005	1	NUT, 1/4”, Push, Zinc/Clear (Not Shown)
0600-20	7103309YP	2	SPRING, Torsion, Rear Door (Not Shown)
0600-30	7105346YP	1	HINGE, Chute, RER, 28”/33” (Not Shown)
0600-40	7105689YP	1	ROD, Chute .25 OD, 17.62” Long (Not Shown)
0600-50	7105870YP	1	COVER, Mulching, RER, 33” (Not Shown)
0760	7018574SM	1	IDLER, Flat, BB, .375 ID, 4.12 OD
0780	7032111YP	1	RESTRICTOR, Belt, 2.18” w/Lock Tab
0790	1921971SM	1	SCREW, 3/8-16 X 1.75, Hex Head Cap, GR5 Zinc/Clear
0800	7106055YP	1	BELT, V, 52.14” EL, 1/2” W
0820	703590	6	WASHER, 3/8 (.406 X .816 X .65), Flat, Zinc/Clear
0840	703115	3	NUT, 5/16-18, Flange Nylock, GR F, Zinc/Clear
0850	703350	4	WASHER, 5/16, Flat SAE, Zinc/Clear
0890	703355	3	PIN, 3/8 Cotter Self Locking, Zinc/Clear
0900	7105655YP	2	ROD, Rear Deck Lift, 5.5 Long, 3/8-16 Threads
0910	7105733YP	1	ROD, Front Deck Hangar, .38 Dia. X 9.16 Long
0920	7301363BMYP	1	PLATE, 33” Deck Hinge Support
0930	703408	3	SCREW, 5/16-18 x 7/8 Hex Head Cap, GR 5, Zinc/Clear
0940	7105982YP	1	CABLE, Brake, 37.4 OPC
0950	7024085YP	1	NUT, 5/16-18 Wing (Nylon Patch)
0960	703185	1	BOLT, 5/16-18 x 3/4, Carriage, Short Neck, G5, Zinc/Clear
0970	703297	1	RETAINER, 5/16, GR5 Zinc/Clear
0980	7106061YP	1	COVER, Deck Spindle, 28”/33”, RER
0990	703456	4	SCREW, 1/4-20 x 5/8 Hex Head Free Spin Washer Self-Tap, G5, ZC/CL
1030	703117	3	NUT, 3/8-16, Nylock, GR5, Zinc/Clear

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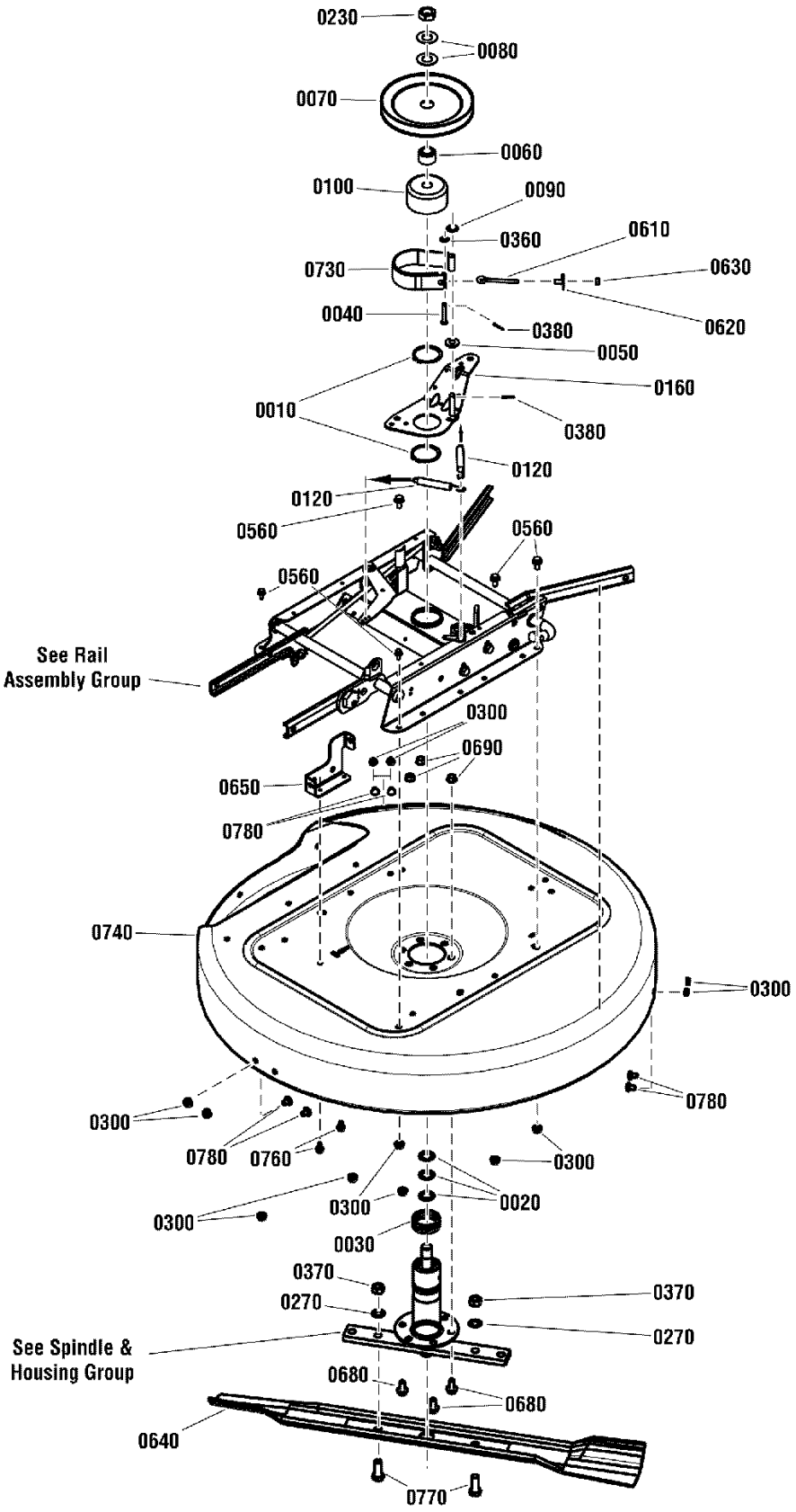
Footnotes: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See Rail
Assembly Group
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See Spindle &
Housing Group
0680
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Item	Part No	Qty	Description
0010	7010740YP	2	RING, 2 External Retaining
0020	7010935SM	3	WASHER, .77 x 1.13 x .06, Flat
0030	7010740YP	1	RING, 2 External Retaining
0040	7014304YP	1	PIN, 1/4 x 1-5/8 Clevis
0050	7014314YP	1	SPACER, .31 I.D. x .39 O.D. x 1 Nylon
0060	7015290YP	1	HUB, Pulley, PM
0070	7018781YP	1	PULLEY, Deck Spindle, 6.95 OD
0080	7032027SM	2	WASHER, 49/64x1-1/2x.06, Flat
0090	703590	1	WASHER, 3/8 (.406 X .816 X .65), Flat, Zinc/Clear
0100	7035378YP	1	DRUM, Brake Spindle (3" OD, 1.6" Tall)
0120	7036521YP	2	SPRING, Extension, 4 x 1/2 Diameter
0160	7047787YP	1	WELDMENT, Idler Arm
0230	7074467SM	1	NUT, 3/4-16 Hex Jam, GR 8
0270	7090509YP	2	WASHER, 1/2 Internal Tooth Lock, BZ
0300	703409	12	NUT, 5/16-18, Serated Lock Flange, GR5, Zinc/Clear
0360	703332	1	WASHER, 1/4, Flat, GR5 Zinc/Clear
0370	7091939YP	2	NUT, 1/2-20 Hex, GR 5 ZP
0380	703312	2	PIN, 3/32 X 3/4, GR5, Cotter, Zinc/Clear
0560	703823	6	BOLT, 5/16-18 x 5/8 Hex Flange lock, GR 5, YZ
0610	7014302YP	1	EYE-BOLT, 1/4-20 x 2-7/8 ZP
0620	7014303YP	1	T-NUT, 1/4-20 (Bent End)
0630	703127	1	NUT, 1/4-20, G5 Zinc/Clear
0640	7034168YP	1	BLADE, 33" High Lift
0650	7301280BMYP	1	BRACKET, Blade Engagement Cable
0680	703955	3	BOLT, 3/8-16X0.75, Serrated Flange, GR5, Zinc/Clear
0690	703333	3	NUT, 3/8-16, Flanged Lock, GR5, Zinc/Clear
0730	7503086YP	1	ASSEMBLY, Brake Band, RER, 10.12 X 1.25"
0740	7061972YP	1	KIT, 33" Deck Replacement, Red, (Includes Decals)
0760	703962	2	SCREW, 1/4-20 X 5/8, Torx Pan Head Self-Tapping, Zinc/Clear
0770	7090491YP	2	SCREW, 1/2-20 x 1-1/4 Hex Head Cap, GR5
0780	703798	6	BOLT, 5/16-18 X .50, Carriage, Zinc/Clear

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Footnotes:

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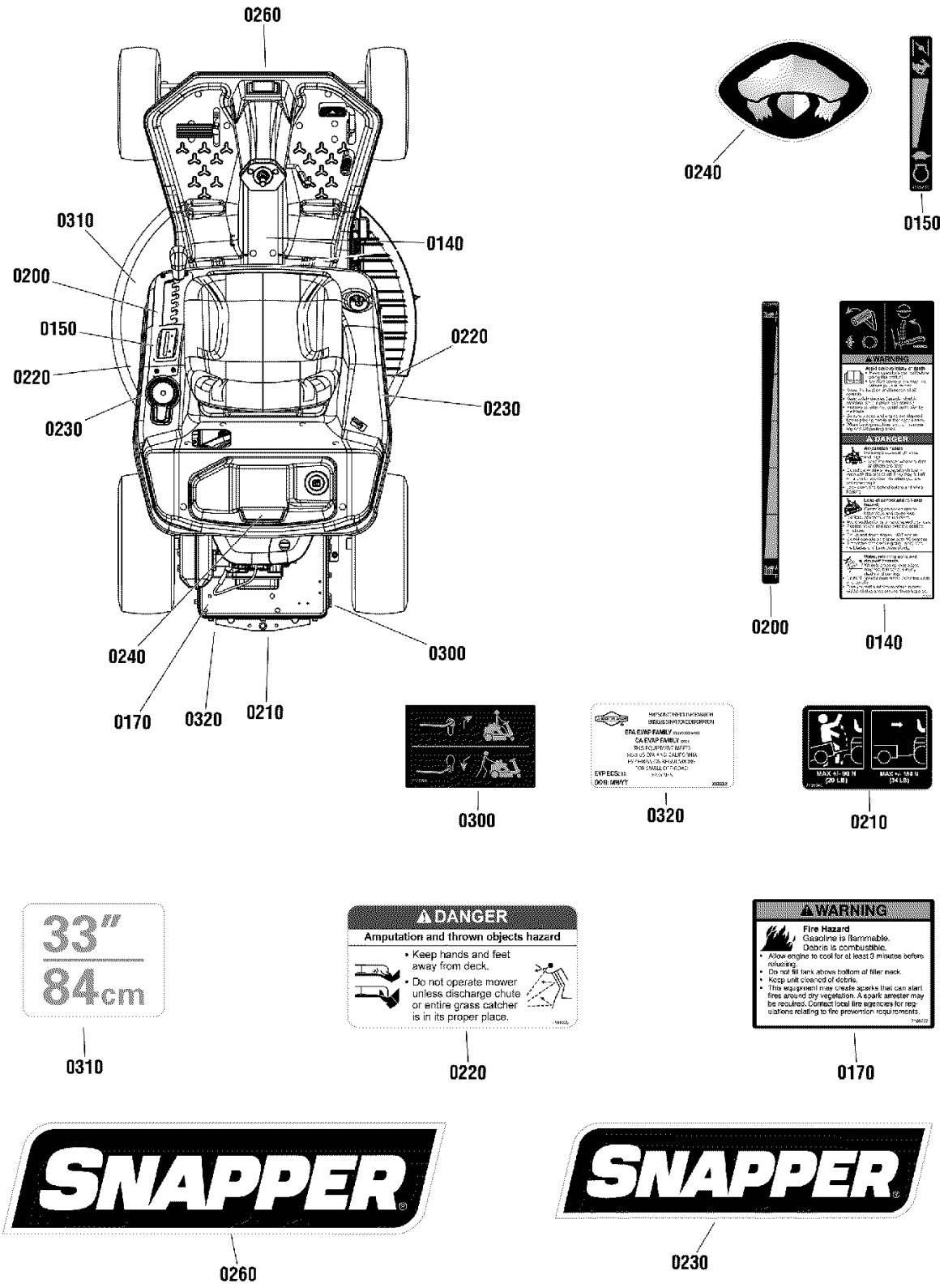
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33"
84cm
0310
DANGER
Amputation and thrown objects hazard
• Keep hands and feet away from deck.
• Do not operate mower unless discharge chute or entire grass catcher is in its proper place.
0220
WARNING
Fire Hazard
Gasoline is flammable.
Debris is combustible.
• Allow engine to cool for at least 3 minutes before refueling.
• Do not fill tank above bottom of filler neck.
• Keep unit cleaned of debris.
• This equipment may create sparks that can start fires around dry vegetation. A spark arrester may be required. Contact local fire agencies for regulations relating to fire prevention requirements.
0170
SNAPPER
0260
SNAPPER
0230

Item	Part No	Qty	Description
0140	7105769YP	1	DECAL, Warning/Danger
0150	7105770YP	1	DECAL, Engine Speed, RER
0170	7105772YP	1	DECAL, Fuel Warning
0200	7105775YP	1	DECAL, HOC
0210	7101940YP	1	DECAL, Weight Limitation
0220	7101665YP	2	DECAL, Danger Do Not Operate W/O Deflector
0230	1755403YP	2	DECAL, Snapper Logo, 1.8" x 7.23"
0240	1752570YP	1	DECAL, Snapper Turtle
0260	1739983YP	1	DECAL, Snapper, 2.13" x 8.5"
0300	7105924YP	1	DECAL, Hydro RER Roll Release
0310	1755713YP	1	DECAL, Mower Width 33” / 84CM
0320	319785YP	1	DECAL, CARB/EPA, B&S Certified 2013

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Footnotes:

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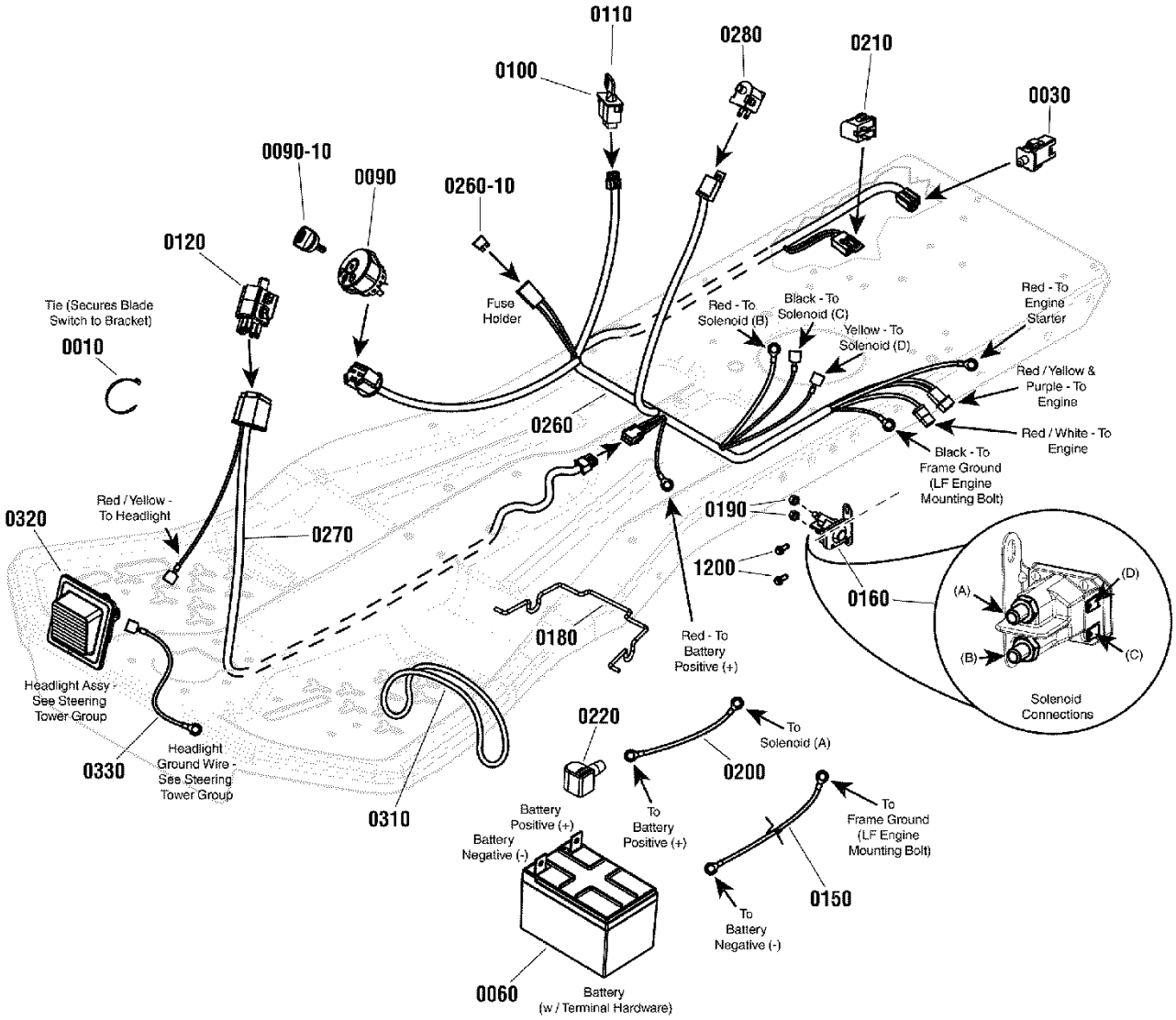
NOTE: Relative size, location and orientation of components may differ from shown.



Item	Part No	Qty	Description
0010	703586	2	TIE, 7, Self Locking
0030	7022886YP	1	SWITCH, DP, NO/NC, Snap-In
0060	7600188YP	1	BATTERY, 12V 20HR, 190CCA
0090	1737959YP	1	SWITCH, Ignition (Trombetta)
0090-10	1750464YP	1	KEY, Ignition Switch, Trombetta Snap-in Switch (Blister Pack contains 2 keys)
0100	1726556SM	1	SWITCH, Reverse Mow Option Module (Without Key)
0110	1726557SM	1	KEY, RMO Module (Yellow Plastic)
0120	1751449YP	1	SWITCH, Plunger, Snap In (NO/NC/NC)
0150	7100636SM	1	CABLE, Battery, 8 Gauge, Black, 20, 1/4 & 5/16 Terminals
0160	1755381YP	1	SOLENOID, 12V, L-Bracket, 2-Spade
0180	7105788YP	1	BRACE, Battery
0190	2860750SM	2	NUT, 5/16-24 Hex Lock, Keps, YZ
0200	7105876YP	1	WIRE, Positive, 8GA X 10, Red
0210	1732004SM	1	SWITCH, Push Button, (NO, Black)
0220	7105082YP	2	BOOT, Insulator
0260	7105846YP	1	HARNESS, Wire, 14.5 HP RER
0260-10	7023653YP	1	FUSE, 20 Amp
0270	7105697YP	1	HARNESS, Solenoid, 41”
0280	7023354YP	1	SWITCH, Seat, Push Button (NC - Gray)
0310	1665872SM	1	STRAP, Rubber Battery, .19 SQ, 7.88 OD, Black
0320	7105923YP	1	ASSEMBLY, Head Light
0320-30	----	1	* LAMP, 12VAC 25-30 Lumen LED (1156 Socket)(Not Shown) Note* See your local hardware store for replacement bulbs.
0330	7106051YP	1	WIRE, RER Head Light Ground
1200	703054	2	SCREW, 1/4-20 x 5/8, Hex Washer Head, Thread Roll, Zinc/Clear

Not for Reproduction

Footnotes:

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Reproduction

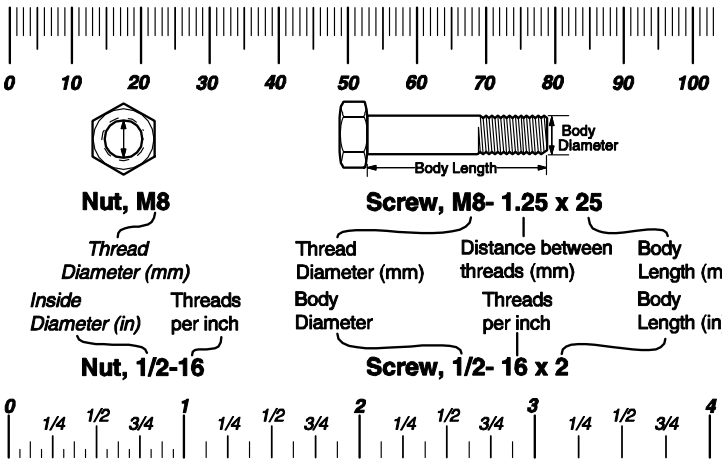
Hardware Identification & Torque Specifications

Torque Specification Chart

FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)

Property Class	5.6 Class 5.6		8.8 Class 8.8		10.9 Class 10.9		12.9 Class 12.9	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
M3	5.88	.56	13.44	1.28	19.2	1.80	22.92	2.15
M4	13.44	1.28	30.72	2.90	43.44	4.10	52.56	4.95
M5	26.4	2.50	60.96	5.75	**5.97**	8.10	**7.15**	9.7
M6	44.64	4.3	**7.3**	9.9	**10.3**	14	**12.1**	16.5
M7	**5.2**	7.1	**12.1**	16.5	**16.9**	23	**19.9**	27
M8	**7.7**	10.5	**17.7**	24	**25**	34	**29**	40
M10	**15**	21	**35**	48	**50**	67	**59**	81
M12	**26**	36	**61**	83	**86.2**	117	**103**	140
M14	**42**	58	**101**	132	**136**	185	**162**	220
M16	**64**	88	**147**	200	**210**	285	**250**	340
M18	**89**	121	**202**	275	**287**	390	**346**	470
M20	**126**	171	**290**	390	**405**	550	**486**	660
M22	**169**	230	**390**	530	**559**	745	**656**	890
M24	**217**	295	**497**	375	**708**	960	**840**	1140
M27	**320**	435	**733**	995	**1032**	1400	**1239**	1680
M30	**435**	590	**995**	1350	**1401**	1900	**1681**	2280
M33	**590**	800	**1349**	1830	**1902**	2580	**2278**	3090
M36	**759**	1030	**1740**	2360	**2441**	3310	**2935**	3980
M39	**988**	1340	**2249**	3050	**3163**	4290	**3798**	5150

The guides and ruler furnished below are designed to help you select the appropriate hardware.


0 10 20 30 40 50 60 70 80 90 100
Body Diameter
Body Length
Nut, M8
Screw, M8- 1.25 x 25
Thread Diameter (mm)
Inside Diameter (in)
Threads per inch
Nut, 1/2-16
Thread Diameter (mm)
Distance between threads (mm)
Body Length (mm)
Body Diameter
Threads per inch
Body Length (in)
Screw, 1/2- 16 x 2
0 1/4 1/2 3/4 1 1/4 1/2 3/4 2 1/4 1/2 3/4 3 1/4 1/2 3/4 4

Standard Hardware Sizing

When a washer or nut is identified as **1/2"** (M8), this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch (8mm metric thread diameter); if a second number is present it represents the *threads per inch* (distance between threads).

When bolt or capscrew is identified as **1/2 - 16 x 2"** (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number,16, represents the *threads per inch, (1.25 thread diameter).* The final number is the body length of the bolt or screw, 2 inches (50mm).

Torque Specification Chart

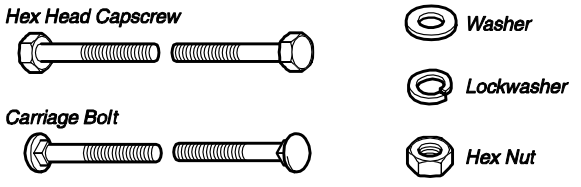
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

Hardware Grade	No Marks SAE Grade 2		SAE Grade 5		SAE Grade 8	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	**8**	10.9	**12**	16.3
1/4-28	76	8.6	**10**	13.6	**14**	19.0
5/16-18	**11**	15.0	**17**	23.1	**25**	34.0
5/16-24	**12**	16.3	**19**	25.8	**29**	34.0
3/8-16	**20**	27.2	**30**	40.8	**45**	61.2
3/8-24	**23**	31.3	**35**	47.6	**50**	68.0
7/16-14	**30**	40.8	**50**	68.0	**70**	95.2
7/16-20	**35**	47.6	**55**	74.8	**80**	108.8
1/2-13	**50**	68.0	**75**	102.0	**110**	149.6
1/2-20	**55**	74.8	**90**	122.4	**120**	163.2
9/16-12	**65**	88.4	**110**	149.6	**150**	204.0
9/16-18	**75**	102.0	**120**	163.2	**170**	231.2
5/8-11	**90**	122.4	**150**	204.0	**220**	299.2
5/8-18	**100**	136	**180**	244.8	**240**	326.4
3/4-10	**160**	217.6	**260**	353.6	**386**	525.0
3/4-16	**180**	244.8	**300**	408.0	**420**	571.2
7/8-9	**140**	190.4	**400**	544.0	**600**	816.0
7/8-14	**155**	210.8	**440**	598.4	**660**	897.6
1-8	**220**	299.2	**580**	788.8	**900**	1,244.0
1-12	**240**	326.4	**640**	870.4	**1,000**	1,360.0

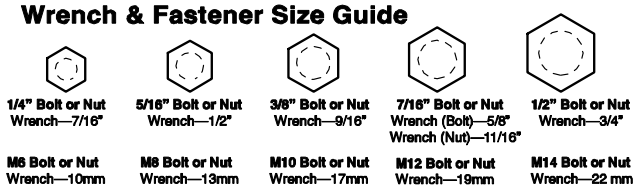
NOTES

1. These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
2. Recommended seating torque values for locknuts:
   a. for prevailing torque locknuts - use 65% of grade5 torques.
   b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Common Hardware Types



Wrench & Fastener Size Guide


1/4" Bolt or Nut Wrench—7/16"
5/16" Bolt or Nut Wrench—1/2"
3/8" Bolt or Nut Wrench—9/16"
7/16" Bolt or Nut Wrench (Bolt)—5/8" Wrench (Nut)—11/16"
1/2" Bolt or Nut Wrench—3/4"
M6 Bolt or Nut Wrench—10mm
M8 Bolt or Nut Wrench—13mm
M10 Bolt or Nut Wrench—17mm
M12 Bolt or Nut Wrench—19mm
M14 Bolt or Nut Wrench—22 mm

Parts Manual for

SNAPPER®

REAR ENGINE RIDER HYDRO DRIVE
33" 14.5 HP
RE SERIES

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